

Connecting via Winsock to STN

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Jun 03	New e-mail delivery for search results now available
NEWS	4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	7	Sep 03	JAPIO has been reloaded and enhanced
NEWS	8	Sep 16	Experimental properties added to the REGISTRY file
NEWS	9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	11	Oct 24	BEILSTEIN adds new search fields
NEWS	12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	13	Nov 18	DKILIT has been renamed APOLLIT
NEWS	14	Nov 25	More calculated properties added to REGISTRY
NEWS	15	Dec 04	CSA files on STN
NEWS	16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	17	Dec 17	TOXCENTER enhanced with additional content
NEWS	18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	20	Feb 13	CANCERLIT is no longer being updated
NEWS	21	Feb 24	METADEx enhancements
NEWS	22	Feb 24	PCTGEN now available on STN
NEWS	23	Feb 24	TEMA now available on STN
NEWS	24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	25	Feb 26	PCTFULL now contains images
NEWS	26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	27	Mar 20	EVENTLINE will be removed from STN
NEWS	28	Mar 24	PATDPAFULL now available on STN
NEWS	29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	30	Apr 11	Display formats in DGENE enhanced
NEWS	31	Apr 14	MEDLINE Reload
NEWS	32	Apr 17	Polymer searching in REGISTRY enhanced
NEWS	33	Apr 21	Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS	34	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS	35	Apr 28	RDISCLOSURE now available on STN
NEWS	36	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS	37	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS	38	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS	39	May 16	CHEMREACT will be removed from STN
NEWS	40	May 19	Simultaneous left and right truncation added to WSCA
NEWS	41	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT  
 MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
 AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003  
 NEWS HOURS STN Operating Hours Plus Help Desk Availability  
 NEWS INTER General Internet Information  
 NEWS LOGIN Welcome Banner and News Items  
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
 NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
 specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 09:11:38 ON 28 MAY 2003

=> file agricola biosis		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'AGRICOLA' ENTERED AT 09:11:44 ON 28 MAY 2003

FILE 'BIOSIS' ENTERED AT 09:11:44 ON 28 MAY 2003  
 COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC. (R)

=> s anther color (5w) red  
 L1 2 ANTER COLOR (5W) RED

=> s l1 and (corn or maize)  
 L2 0 L1 AND (CORN OR MAIZE)

=> s glume color (10w) red  
 L3 1 GLUME COLOR (10W) RED

=> s l3 and (corn or maize)  
 L4 0 L3 AND (CORN OR MAIZE)

=> s silk color (10w) red  
 L5 1 SILK COLOR (10W) RED

=> s l5 and (corn or maize) (  
 MISSING OPERATOR MAIZE) (  
 The search profile that was entered contains terms or  
 nested terms that are not separated by a logical operator.

=> s l5 and (corn or maize)  
 L6 1 L5 AND (CORN OR MAIZE)

=> d ti

L6 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 TI Heritability and correlation among some selected morphological traits and  
 their relationship with fall armyworm damage in sweet corn.

=> d ab

L6 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AB Fall armyworm (Spodoptera frugiperda J. E. Smith)) (FAW) is a serious pest in field **corn** and sweet **corn** (Zea mays L.) in many parts of the world. Sweet **corn** germplasm with effective levels of resistance to damage by the fall armyworm is needed to transfer resistance to commercial hybrids. The objectives of this study were to estimate heritability and to estimate the correlation among some selected morphological traits and their relationship with FAW damage. Seven shrunken-2 (sh2) inbred lines and four commercial sh2 hybrids of sweet **corn** were crossed to Mp708, a FAW-resistant field **corn** line. The F2 populations were subdivided with one half being selected for the sh2 trait and the other half was left unselected. Parent, F2, and F3 populations were artificially infested with FAW and evaluated for leaf damage caused by FAW. Heritability estimates for FAW resistance ranged from 0.22 to 0.61 depending on method of estimation used. The highest correlations occurred between silk color and anther color (0.70) and silk color and glume color (0.49). There were no consistent correlations of most morphological traits with FAW damage. A linkage between white silk and shrunken-2 was observed.

=> d so

L6 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
SO Acta Cientifica Venezolana, (2002) Vol. 53, No. 1, pp. 66-69. print.  
ISSN: 0001-5504.

=> s cob color (10w) red

L7 0 COB COLOR (10W) RED

=> s ph3av and (maize or corn)

L8 0 PH3AV AND (MAIZE OR CORN)

=> s pta-4346

L9 0 PTA-4346

=> s early flower? and (corn or maize)

L10 55 EARLY FLOWER? AND (CORN OR MAIZE)

=> s l10 and good seed quality

L11 0 L10 AND GOOD SEED QUALITY

=> s l10 and very good plant health

L12 0 L10 AND VERY GOOD PLANT HEALTH

=> s l10 and good early growth

L13 0 L10 AND GOOD EARLY GROWTH

=> s l10 and northwestern

L14 0 L10 AND NORTHWESTERN

=> s l10 and western canada

L15 0 L10 AND WESTERN CANADA

=> s good seed and (maize or corn)

L16 9 GOOD SEED AND (MAIZE OR CORN)

=> s l16 and good stalk?

L17 0 L16 AND GOOD STALK?

=> s l16 and hard kernel

L18 0 L16 AND HARD KERNEL

=> s l16 and high yield  
L19 0 L16 AND HIGH YIELD

=> s l10 and high yield  
L20 2 L10 AND HIGH YIELD

=> d 1-2 ti

L20 ANSWER 1 OF 2 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2003)

TI Temperate **maize** inbreds derived from tropical germplasm. II. Inbred yield trials.

L20 ANSWER 2 OF 2 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI Temperate **maize** inbreds derived from tropical germplasm: II. Inbred yield trials.

=> d l16 1-9 ti

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TI Seed **corn** drying experiments.

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TI **Good seed corn** for 1913.

L16 ANSWER 3 OF 9 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2003)

TI The effectiveness of seed **corn** selection based on ear characters.

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TI The production of **good seed corn**.

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TI The production of **good seed corn**.

L16 ANSWER 6 OF 9 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI Inbred line potentials for the synthesis of new popcorn hybrids. Original Title: Potencial de linhagens de populacoes locais de milho pipoca para sintese de hibridos..

L16 ANSWER 7 OF 9 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI Influence of the **maize** seed size and treatment on quality preservation during storage, and later field behavior.

L16 ANSWER 8 OF 9 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI The influence of weeds on insect-related mortality of intercropped sorghum

and **maize** in southern Honduras.

L16 ANSWER 9 OF 9 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI RELATION OF SEED TESTING TRAITS TO GRAIN YIELD OF **MAIZE** HYBRIDS  
UNDER DIFFERENT ENVIRONMENTS.

=> d l16 1-9 so

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(2003)

SO Journal of the American Society of Agronomy, Oct 1929. Vol. 21, No. 10. p.  
994-1000  
Publisher: Madison, Wis. : American Society of Agronomy.  
CODEN: AGJOAT; ISSN: 0002-1962

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Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2003)

SO 1912 11 p. : ill. ; 22 cm  
Publisher: Ames, Iowa : Agricultural Experiment Station, Iowa State  
College of Agriculture and Mechanic Arts, 1912.  
Series: Circular (Iowa State College. Agricultural Experiment Station) ;  
no. 4.  
Gov. Source: State, provincial, territorial

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Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2003)

SO Agronomy journal, Feb 1925. Vol. 17, No. 2. p. 113-118  
Publisher: Madison, Wis. : American Society of Agronomy.  
CODEN: AGJOAT; ISSN: 0002-1962

L16 ANSWER 4 OF 9 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2003)

SO 1905 23 p. : ill. ; 23 cm  
Publisher: Washington : U.S. Dept. of Agriculture, 1905.  
Gov. Source: Federal

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Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2003)

SO 1905 23 p. : ill. --  
Publisher: Washington, D.C. : U.S. Dept. of Agriculture, 1905.  
Gov. Source: Federal

L16 ANSWER 6 OF 9 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
SO Bragantia, (2000) Vol. 59, No. 2, pp. 143-151. print.  
ISSN: 0006-8705.

L16 ANSWER 7 OF 9 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
SO Ciencia e Pratica, (1995) Vol. 19, No. 1, pp. 30-36.  
ISSN: 0100-3267.

L16 ANSWER 8 OF 9 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
SO Tropical Agriculture, (1994) Vol. 71, No. 3, pp. 208-214.  
ISSN: 0041-3216.

L16 ANSWER 9 OF 9 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
SO SEED SCI TECHNOL, (1991) 19 (1), 25-32.  
CODEN: SSTCBK. ISSN: 0251-0952.

# WEST Search History

DATE: Wednesday, May 28, 2003

**Set Name** **Query**  
side by side

**Hit Count** **Set Name**  
result set

*DB=USPT; PLUR=YES; OP=ADJ*

L20	pta-4346	0	L20
L19	L18 and good early growth	23	L19
L18	L17 and high grain yield	133	L18
L17	early flowering and (corn or maize)	414	L17
L16	L15 and good early growth	0	L16
L15	L14 and high grain yield	0	L15
L14	early floweing and (corn or maize)	0	L14
L13	l9 and early flowering	0	L13
L12	l9 and high grain yield	0	L12
L11	ph3av	1	L11
L10	l9 and ph3av	0	L10
L9	l8 and l6 and l4 and l2	1	L9
L8	L7 and (maize or corn)	280	L8
L7	cob color adj5 red	280	L7
L6	L5 and (maize or corn)	23	L6
L5	glume color adj5 red	23	L5
L4	L3 and (maize or corn)	71	L4
L3	silk color adj5 red	71	L3
L2	L1 and (maize or corn)	92	L2
L1	anther color adj5 red	142	L1

END OF SEARCH HISTORY